



شرکت تولیدی گرانول قزوین (سهامی خاص)

Ghazvin Granules Producing Co.

www.ggp.ir

Data sheet

Granule Type :GPS9054OR

Description : PVC compound oil resistant for sheathing of 90° cables

Specification : IEC 60502: PVC/ST2, BS6746:Type 9,VDE 0207:YM5

Color : Natural and Colors

Properties	Standard and Test Method	Unit	Typical value
Hardness	ASTM D 2240(15sec)	Shore”A”	90±2
Density	ASTM D 792 / IEC 60811-1-3	gr/cm ³	1.54±0.02
Heat Stability at 200°c	VDE 0472/9.71	minute	min 90
Properties before ageing Tensile strength Elongation at break	IEC 60811-1-1	N/mm ² %	min 13 min 200
Properties after ageing “7 days at 100°c” Variation of Tensile Variation of Elongation	IEC 60811-1-2	% %	max 25 max 25
Heat shock test “1 hr at 150°c” Result to be obtained	IEC 60811-3-1	--	No Cracks
Loss of mass after ageing “7 days at 100°c”	IEC 60811-3-2	mg/cm ²	max 1.5
(Aliphatic hydrocarbon resistant) Properties after ageing “4 hr & 70°c” at OIL ASTM #2 Percent of residual Tensile Percent of residual Elongation	ASTM D1047	% %	min 80 min 60

Processing Condition: As a general guide, typical processing temperature are as follows:

	zone 1	zone 2	zone 3	zone 4	head	die
max (°C)	160	180	190	200	210	220
min (°C)	140	150	160	160	170	170

Safety GPS9054OR is classified as no-dangerous material.

Packaging

It is available in the form of pellets and supplied in PP laminated bag with a net content of 25 kgs.

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